

Asbestos Survey Report

H.013842 – Causeway Boulevard – Earhart Expressway
1706 S. Causeway Boulevard
Metairie, Louisiana 70001

August 19, 2021
Terracon Project No. ET217145



Prepared for:
Louisiana Department of Transportation
Baton Rouge, Louisiana

Prepared by:
Terracon Consultants, Inc.
New Orleans, Louisiana

terracon.com

Terracon

Environmental



Facilities



Geotechnical



Materials



August 19, 2021

Louisiana Department of Transportation (LADOT)
P.O. Box 94245
Baton Rouge, Louisiana 70804

Attn: Ms. Radha Kumar (DOTD Program Specialist)
P: 225.242.4554
E: Radha.Kumar@la.gov

Re: Asbestos Survey Report
H.013842 – Causeway Boulevard – Earhart Expressway
1706 S. Causeway Boulevard
Metairie, Louisiana 70001
Terracon Project No. ET217145

Dear Ms. Kumar:

The purpose of this report is to present the results of the services performed at the residential structure located at 1706 S. Causeway Boulevard in Metairie, Louisiana. The scope of work included an asbestos survey. These services were conducted in general accordance with our Right of Way Consultant Task Order Assignment dated August 2, 2021, and the IDIQ Contract for Right of Way Services (Contract No. 40000125) dated November 19, 2020. Terracon understands that this survey was requested due to the planned demolition of the structure.

Asbestos-containing materials (ACM) were not identified at the subject site. Please refer to the attached report for details.

Terracon appreciates the opportunity to provide this service. If you have any questions regarding this report, please contact the undersigned at (504) 818-3638.

Sincerely,
Terracon Consultants, Inc.

Steven M. Latiolais
Group Manager

for: Zack L. Dial, P.E.
Office Manager

Terracon Consultants, Inc. 524 Elmwood Park Blvd. Suite 170 New Orleans, Louisiana 70123
P [504] 818 3638 F [504] 818 3890 terracon.com

Environmental

Facilities

Geotechnical

Materials

TABLE OF CONTENTS

1.0	INTRODUCTION	1
1.1	Project Objective.....	1
2.0	BUILDING DESCRIPTION	1
3.0	FIELD ACTIVITIES	2
3.1	Visual Assessment.....	2
3.2	Physical Assessment.....	2
3.3	Sample Collection.....	2
3.4	Sample Analysis.....	3
4.0	REGULATORY OVERVIEW	3
5.0	FINDINGS & RECOMMENDATIONS	5
6.0	GENERAL COMMENTS	5

APPENDIX A – Asbestos Survey Sample Summary

APPENDIX B – Laboratory Analytical Reports

APPENDIX C – Photograph Log

APPENDIX D – Exhibits

APPENDIX E – Certifications

ASBESTOS SURVEY REPORT
H.013842 – Causeway Boulevard – Earhart Expressway
1706 S. Causeway Boulevard
Metairie, Louisiana
Terracon Project No. ET217145
August 19, 2021

1.0 INTRODUCTION

Terracon Consultants, Inc. (Terracon) conducted an asbestos survey of the above referenced structure located at 1706 Causeway Boulevard in Metairie, Louisiana. The survey was conducted by Terracon's Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector. The scope of Terracon's survey included an asbestos survey. All work was conducted in accordance with our Right of Way Consultant Task Order Assignment dated June 11, 2021, and the IDIQ Contract for Right of Way Services (Contract No. 40000125) dated November 19, 2020.

1.1 Project Objective

The scope of services included a survey for asbestos-containing materials (ACM) in compliance with the United States Environmental Protection Agency (USEPA) regulation 40 CFR 61, Subpart M, National Emission Standards for Hazardous Air Pollutants (NESHAP), and Louisiana Environmental Regulatory Code (ERC) Title 33, Part III, Section 5151 (Chapter 51), which prohibit the release of asbestos fibers to the atmosphere during renovation or demolition activities. The asbestos NESHAP and Chapter 51 require that potentially regulated asbestos-containing building materials be identified, classified and quantified prior to planned disturbances during demolition or renovation activities.

2.0 BUILDING DESCRIPTION

The subject structure consists of an approximately 1,200-square foot, single-story, pier and beam structure with a wooden frame and pitched asphalt single roof. Interior finishes largely consisted of gypsum board walls and ceilings with carpet, wood, and vinyl flooring.

Asbestos Survey Report

1706 S. Causeway Boulevard ■ Metairie, Louisiana

August 19, 2021 ■ Terracon Project No. ET217145



3.0 FIELD ACTIVITIES

The asbestos survey was conducted by LDEQ accredited asbestos inspector Carlos J. Arguello (AI#: 28221486). The survey was conducted in general accordance with the sample collection protocols established in EPA regulation 40 CFR 763, the Asbestos Hazard Emergency Response Act (AHERA). A summary of survey activities is provided below.

3.1 Visual Assessment

Our survey activities began with visual observation of the interior and exterior of the building proposed for renovation/demolition to identify homogeneous areas of suspect ACM. A homogeneous area consists of building materials that appear similar throughout in terms of color, and texture with consideration given to the date of application. Building materials identified as concrete, glass, wood, masonry, metal or rubber were not considered suspect ACM.

Terracon could not assess all void spaces within walls and ceilings or beneath all floor coverings. Therefore, there may be isolated areas of additional suspect material present in the structure.

3.2 Physical Assessment

A physical assessment of each homogeneous area (HA) of suspect ACM was conducted to assess the friability and condition of the materials. A friable material is defined by the EPA as a material that can be crumbled, pulverized or reduced to powder by hand pressure when dry. Friability was assessed by physically touching suspect materials.

3.3 Sample Collection

Based on results of the visual observation, bulk samples of suspect ACM were collected in general accordance with AHERA sampling protocols. Random samples of suspect materials were collected in each homogeneous area. The inspector collected bulk samples using wet methods as applicable to reduce the potential for fiber release. Samples were placed in sealable containers and labeled with unique sample numbers using an indelible marker.

Forty-three bulk samples were collected from thirteen homogeneous areas of suspect ACM from the structure. A summary of suspected ACM materials collected during the survey is included as Appendix A. Selective photographs of HAs are presented in Appendix C.

Asbestos Survey Report

1706 S. Causeway Boulevard ■ Metairie, Louisiana

August 19, 2021 ■ Terracon Project No. ET217145



3.4 Sample Analysis

Bulk samples were submitted under chain-of-custody to Eurofins EMLab P&K of Houston, Texas (NVLAP Accreditation No 600122-0, LELAP Accreditation No 05087) for analysis by polarized light microscopy with dispersion staining techniques per EPA methods (40 CFR 763, Subpart E). The asbestos content, where applicable, was determined by microscopic visual estimation. The laboratory analytical report is included in Appendix B.

4.0 REGULATORY OVERVIEW

The asbestos NESHAP (40 CFR Part 61, Subpart M) regulates asbestos fiber emissions and asbestos waste disposal practices. The asbestos NESHAP regulation also requires the identification and classification of existing ACM according to friability prior to demolition or renovation activity. Under NESHAP, ACM is identified as either friable, Category I non-friable or Category II non-friable ACM. Friable ACM is a material containing more than 1% asbestos that, when dry, can be crumbled, pulverized or reduced to powder by hand pressure. All friable ACM is considered regulated asbestos containing material (RACM).

RACM includes all friable ACM, along with Category I and Category II non-friable ACM that has become friable, will be or has been subjected to sanding, grinding, cutting or abrading, or ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder in the course of renovation or demolition activity.

Category I non-friable ACM are exclusively asbestos-containing packings, gaskets, resilient floor coverings, resilient floor covering mastics and asphalt roofing products that contain more than 1% asbestos. Category II non-friable ACM are all other non-friable materials other than Category I non-friable ACM that contain more than 1% asbestos. Category II non-friable ACM generally includes but is not limited to cementitious material such as: cement pipes, cement siding, cement panels, glazing, mortar and grouts.

The State of Louisiana has established Chapter 27 of the ERC (LAC 33:III.Chapter 27) to regulate the identification, management, and abatement of ACM in schools and state buildings. Chapter 27 requires any asbestos-related activity in a school or state building to be performed by an individual or company accredited by the State of Louisiana, through the LDEQ. An asbestos-related activity consists of the disturbance (whether intentional or unintentional) or abatement of ACM, the performance of asbestos surveys, the development of management plans and response actions, asbestos project design, the collection or analysis of asbestos samples, monitoring for airborne asbestos or any other activity required to be accredited under Louisiana Department of Environmental Quality Chapter 27 Appendix A.

Asbestos Survey Report

1706 S. Causeway Boulevard ■ Metairie, Louisiana

August 19, 2021 ■ Terracon Project No. ET217145



In non-state, non-school buildings, the State of Louisiana sets forth emission standards for asbestos under Chapter 51 of the ERC (LAC 33:III.Chapter 51). Per Chapter 51 Section P, the following activities, when conducted, must be performed by accredited individuals: asbestos surveys, asbestos abatement, and monitoring for airborne asbestos.

The Louisiana Air Quality Regulations (LAC 33:III.Chapter 51, Subchapter M) require that an inspection be conducted by a person currently accredited as an LDEQ asbestos inspector. LDEQ requires a notification by submitting either an AAC-2 (a) form or AAC-2 (b) form. An AAC 2 (a) form is required when requesting Asbestos Disposal Verification Forms (ADVF) for Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos Containing Material (RACM) is present, or assumed to be present, above the established thresholds or as otherwise required by LAC 33:III.5151.F.1. The AAC-2 (a) form must be either postmarked or hand delivered to the Department at least 10 working days prior to the scheduled dates of asbestos removal. An AAC 2 (b) form is required when greater than 64 square feet of Vinyl Asbestos Tile (VAT) is removed without the intent of making it RACM, or when lab analysis of properly sampled materials indicates that no ACM is present; that ACM present is not RACM and will not be made RACM by the demolition; or that all RACM present is less than established thresholds. The established thresholds per LAC 33:III.5151.F.1 include the combined amount of RACM less than 60 linear feet on pipes, 64 square feet on other facility components or 27 cubic feet of material where length or area could not be measured previously. A Form AAC-2 (b) must be postmarked or hand delivered to the Department at least 5 working days prior to the scheduled date of asbestos removal or 3 working days if the removal only includes resilient floor covering per LAC 33:III.5151.F.2.c.

Any individual or company contracted to perform a demolition or renovation activity that disturbs RACM above established regulatory thresholds must be recognized by the Louisiana Licensing Board for Contractors to perform asbestos abatement.

The United States Occupational Safety and Health Administration (USOSHA) asbestos standard for construction (29 CFR 1926.1101) regulates workplace exposure to asbestos. The USOSHA standard requires that employee exposure to airborne asbestos must not exceed 0.1 fibers per cubic centimeter of air (0.1 f/cc) as an eight-hour time weighted average (TWA) and not exceed 1.0 fibers per cubic centimeter of air (1.0 f/cc) over a 30-minute time period known as an excursion limit (EL). The TWA and EL are known as USOSHA's asbestos permissible exposure limits (PELs). The USOSHA standard classifies construction and maintenance activities that could disturb ACM and specifies work practices and precautions that employers must follow when engaging in each class of regulated work. The standard also specifies requirements for handling materials containing asbestos in concentrations less than or equal to 1%.

Asbestos Survey Report

1706 S. Causeway Boulevard ■ Metairie, Louisiana

August 19, 2021 ■ Terracon Project No. ET217145



5.0 FINDINGS & RECOMMENDATIONS

Asbestos was not detected in the samples collected and analyzed as part of our sampling at this site.

The Louisiana Air Quality Regulations (LAC 33:II Chapter 51, Subchapter M) require that an inspection be conducted by a person currently accredited as an LDEQ asbestos inspector. The results of this survey did not identify any asbestos-containing materials, however, LDEQ requires written notification (AAC-2b) prior to any demolition activity, regardless of whether the building contains asbestos.

It should be noted that suspect materials, other than those identified during this survey, may exist within the building. Should suspect materials other than those that were identified during this survey be uncovered during the demolition process, those materials should be assumed asbestos-containing until sampling and analysis can confirm or deny their asbestos content.

A summary of each material sampled and analyzed is presented in Appendix A. Laboratory analytical reports are presented in Appendix B. Room ID designations, and sample locations are presented in Appendix D.

6.0 GENERAL COMMENTS

This asbestos survey was conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions in the same locale. The results, findings, conclusions and recommendations expressed in this report are based on conditions observed during our survey of the building. The information contained in this report is relevant to the date on which this survey was performed and should not be relied upon to represent conditions at a later date. This report has been prepared on behalf of and exclusively for use by Louisiana Department of Transportation for specific application to their project as discussed. This report is not a bidding document. Contractors or consultants reviewing this report must draw their own conclusions regarding further investigation or remediation deemed necessary. Terracon does not warrant the work of regulatory agencies, laboratories or other third parties supplying information which may have been used in the preparation of this report. No warranty, express or implied is made.

**APPENDIX A
ASBESTOS SURVEY SAMPLE SUMMARY**

TABLE 1.0
ASBESTOS SURVEY SAMPLE SUMMARY
H.013842 – Causeway Blvd. – Earhart Expressway
1706 Causeway Boulevard
Metairie, Louisiana
Terracon Project No. ET217145

HA	Material Description	Material Location	Condition	Sample Number	Lab Results
01	12" x 12" Grey/Blue speckled vinyl tile, and Orange adhesive	Bedrooms and Hallway	Good	01-01	Tile = None Detected Adhesive = None Detected
				01-02	Tile = None Detected Adhesive = None Detected
				01-03	Tile = None Detected Adhesive = None Detected
02	Maroon Carpet and Grey floor padding	Bedrooms, Hallways, Living room	Good	02-04	Carpet = None Detected padding = None Detected
				02-05	Carpet = None Detected padding = None Detected
				02-06	Carpet = None Detected padding = None Detected
03	Red Vinyl sheeting, Orange adhesive	Bedroom 1 closet	Good	03-07	Vinyl = None Detected Adhesive = None Detected
				03-08	Vinyl = None Detected Adhesive = None Detected
				03-09	Vinyl = None Detected Adhesive = None Detected
04	Faux wood vinyl sheeting, Yellow Adhesive	Laundry room	Good	04-10	Vinyl = None Detected Adhesive = None Detected
				04-11	Vinyl = None Detected Adhesive = None Detected
				04-12	Vinyl = None Detected Adhesive = None Detected
05	Grey vinyl sheeting, yellow adhesive	Linen closet	Good	05-13	Vinyl = None Detected Adhesive = None Detected
				05-14	Vinyl = None Detected Adhesive = None Detected
				05-15	Vinyl = None Detected Adhesive = None Detected

TABLE 2.0
ASBESTOS SURVEY SAMPLE SUMMARY
H.013842 – Causeway Blvd. – Earhart Expressway
1706 Causeway Boulevard
Metairie, Louisiana
Terracon Project No. ET217145

HA	Material Description	Material Location	Condition	Sample Number	Lab Results
06	White gypsum drywall, and joint compound	Throughout residence	Good	06-16	Gypsum= None Detected Joint compound = None Detected
				06-17	Gypsum= None Detected Joint compound = None Detected
				06-18	Gypsum= None Detected Joint compound = None Detected
07	Exterior siding, White with green/pink paint	Exterior of residence	Good	07-19	None Detected
				07-20	None Detected
				07-21	None Detected
08	Black roof shingles	Roof	Good	08-22	None Detected
				08-23	None Detected
				08-24	None Detected
09	Black roof tar paper	Roof	Good	09-25	None Detected
				09-26	None Detected
				09-27	None Detected
10	White face wall backing	Behind exterior Siding	Good	10-28	None Detected
				10-29	None Detected
				10-30	None Detected
11	Interior wall texture	Throughout	Good	11-31	None Detected
				11-32	None Detected
				11-33	None Detected
				11-34	None Detected
				11-35	None Detected

TABLE 2.0
ASBESTOS SURVEY SAMPLE SUMMARY
H.013842 – Causeway Blvd. – Earhart Expressway
1706 Causeway Boulevard
Metairie, Louisiana
Terracon Project No. ET217145

HA	Material Description	Material Location	Condition	Sample Number	Lab Results
12	White Interior Ceiling texture	Throughout	Good	12-36	None Detected
				12-37	None Detected
				12-38	None Detected
				12-39	None Detected
				12-40	None Detected
13	Light grey 12" x 12" Vinyl Tile, and Dark brown adhesive	Bathroom, Kitchen	Good	13-41	Tile = None Detected Adhesive = None Detected
				13-42	Tile = None Detected Adhesive = None Detected
				13-43	Tile = None Detected Adhesive = None Detected

APPENDIX B
LABORATORY ANALYTICAL REPORTS

Report for:

Steven Latiolais
Terracon - New Orleans
524 Elmwood Park Blvd Ste 170
New Orleans, LA 70123

Regarding: Project: 1706 S. Causeway H. 013842
EML ID: 2705496

Approved by:

Dates of Analysis:
Asbestos PLM: 08-13-2021



Approved Signatory
Gregorio Delgado

Service SOPs: Asbestos PLM (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EM-AS-S-1267)
NVLAP Lab Code 600122-0

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the samples as received and tested. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

Eurofins EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

ASBESTOS ANALYTICAL REPORT
By: Polarized Light Microscopy

Prepared for

Steven Latiolais

CLIENT PROJECT: 1706 S. Causeway H. 013842

EMLab ID#: 2705496

TEST METHOD: EPA METHOD 600/R93/116 & EPA 40CFR App E to Sub E of Part 763

REPORT DATE: 08-13-2021

TOTAL SAMPLES ANALYZED: 43

SAMPLES >1% ASBESTOS: 0

PROJECT: 1706 S. Causeway H. 013842

EMLab #ID: 2705496

METHOD: EPA METHOD 600/R93/116 & EPA 40CFR App E to Sub E of Part 763

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
01-01	1	12953010	Gray	Floor Tile	None Detected
	2	12953010	Orange	Adhesive	None Detected
01-02	1	12953011	Gray	Floor Tile	None Detected
	2	12953011	Orange	Adhesive	None Detected
01-03	1	12953012	Gray	Floor Tile	None Detected
	2	12953012	Orange	Adhesive	None Detected
02-04	1	12953013	Red	Carpet (Maroon)	None Detected
	2	12953013	Multicolored	Fibrous Material (Padding)	None Detected
02-05	1	12953014	Red	Carpet (Maroon)	None Detected
	2	12953014	Multicolored	Fibrous Material (Padding)	None Detected
02-06	1	12953015	Red	Carpet (Maroon)	None Detected
	2	12953015	Multicolored	Fibrous Material (Padding)	None Detected
03-07	1	12953016	Off-White	Leveling Compound	None Detected
	2	12953016	Red	Sheet Flooring with Fibrous Backing	None Detected
	3	12953016	Orange	Adhesive	None Detected
03-08	1	12953017	Red	Sheet Flooring with Fibrous Backing	None Detected
	2	12953017	Orange	Adhesive	None Detected
03-09	1	12953018	Red	Sheet Flooring with Fibrous Backing	None Detected
	2	12953018	Orange	Adhesive	None Detected
04-10	1	12953019	Brown	Sheet Flooring with Fibrous Backing	None Detected
04-11	1	12953020	Brown	Sheet Flooring with Fibrous Backing	None Detected
04-12	1	12953021	Brown	Sheet Flooring with Fibrous Backing	None Detected
05-13	1	12953022	Gray	Sheet Flooring with White Paint	None Detected
05-14	1	12953023	Gray	Sheet Flooring with White Paint	None Detected
05-15	1	12953024	Gray	Sheet Flooring with White Paint	None Detected
06-16	1	12953025	White	Drywall with Brown Paper	None Detected
	2	12953025	White	Texture with White Paint	None Detected
	3	12953025	White	Texture	None Detected

PROJECT: 1706 S. Causeway H. 013842

EMLab #ID: 2705496

METHOD: EPA METHOD 600/R93/116 & EPA 40CFR App E to Sub E of Part 763

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
06-17	1	12953026	White	Drywall with Brown Paper	None Detected
	2	12953026	White	Joint Compound	None Detected
	3	12953026	White	Texture with White Paint	None Detected
	4	12953026	White	Texture	None Detected
06-18	1	12953027	White	Drywall with Brown Paper	None Detected
	2	12953027	White	Joint Compound	None Detected
	3	12953027	White	Texture with White Paint	None Detected
	4	12953027	White	Texture	None Detected
07-19	1	12953028	White	Non-Fibrous Material (Siding) with Pink Paint	None Detected
07-20	1	12953029	White	Non-Fibrous Material (Siding) with Green/Pink Paint	None Detected
07-21	1	12953030	White	Non-Fibrous Material (Siding) with Green/Pink Paint	None Detected
08-22	1	12953031	Black	Roofing Shingle with Brown Pebbles	None Detected
08-23	1	12953032	Black	Roofing Shingle with Brown Pebbles	None Detected
08-24	1	12953033	Black	Roofing Shingle with Brown Pebbles	None Detected
09-25	1	12953034	Black	Roofing Tar Paper	None Detected
09-26	1	12953035	Black	Roofing Tar Paper	None Detected
	2	12953035	White	Roofing Material (Insulation)	None Detected
09-27	1	12953036	Black	Roofing Tar Paper	None Detected
	2	12953036	White	Roofing Material (Insulation)	None Detected
10-28	1	12953037	Black	Tar with Pebbles, Multilayered Paint	None Detected
	2	12953037	Black	Mastic	None Detected
	3	12953037	Brown	Insulation	None Detected
10-29	1	12953038	Black	Tar with Pebbles, Multilayered Paint	None Detected
	2	12953038	Black	Mastic	None Detected
	3	12953038	Brown	Insulation	None Detected
10-30	1	12953039	Black	Tar with Pebbles, Multilayered Paint	None Detected
	2	12953039	Black	Mastic	None Detected
	3	12953039	Brown	Insulation	None Detected
11-31	1	12953040	White	Texture with Brown Paper, Paint	None Detected
	2	12953040	White	Texture with White Paint	None Detected

PROJECT:1706 S. Causeway H. 013842

EMLab #ID: 2705496

METHOD: EPA METHOD 600/R93/116 & EPA 40CFR App E to Sub E of Part 763

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
11-32	1	12953041	White	Texture with Brown Paper, Paint	None Detected
	2	12953041	White	Texture with White Paint	None Detected
11-33	1	12953042	White	Texture with Brown Paper, Paint	None Detected
11-34	1	12953043	White	Texture with Multilayered Paint	None Detected
	2	12953043	White	Texture with White Paint	None Detected
11-35	1	12953044	White	Texture with Brown Paper, Paint	None Detected
	2	12953044	White	Texture with White Paint	None Detected
12-36	1	12953045	White	Ceiling Texture with White Paint	None Detected
	2	12953045	White	Ceiling Texture with White Paint	None Detected
12-37	1	12953046	White	Ceiling Texture with White Paint	None Detected
	2	12953046	White	Ceiling Texture with White Paint	None Detected
12-38	1	12953047	White	Ceiling Texture with White Paint	None Detected
	2	12953047	White	Ceiling Texture with White Paint	None Detected
12-39	1	12953048	White	Drywall with Brown Paper	None Detected
	2	12953048	White	Ceiling Texture with Off-White Paint	None Detected
	3	12953048	White	Ceiling Texture with White Paint	None Detected
	4	12953048	White	Ceiling Texture with White Paint	None Detected
12-40	1	12953049	White	Drywall with Brown Paper	None Detected
	2	12953049	White	Ceiling Texture with White Paint	None Detected
	3	12953049	White	Ceiling Texture with White Paint	None Detected
13-41	1	12953050	Light Gray	Floor Tile	None Detected
	2	12953050	Yellow	Adhesive	None Detected
	3	12953050	Gray	Leveling Compound	None Detected
13-42	1	12953051	Light Gray	Floor Tile	None Detected
	2	12953051	Yellow	Adhesive	None Detected
	3	12953051	Gray	Leveling Compound	None Detected
13-43	1	12953052	Light Gray	Floor Tile	None Detected
	2	12953052	Yellow	Adhesive	None Detected
	3	12953052	Gray	Leveling Compound	None Detected

Client: Terracon - New Orleans
C/O: Steven Latiolais
Re: 1706 S. Causeway H. 013842Date of Submittal: 08-10-2021
Date of Receipt: 08-10-2021
Date of Report: 08-13-2021**ASBESTOS PLM REPORT****Total Samples Submitted:** 43**Total Samples Analyzed:** 43**Total Samples with Layer Asbestos Content > 1%:** 0**Location: 01-01, 12 x 12 Gray/Blue Speckled Vinyl Tile and Orange Adh**

Lab ID-Version‡: 12953010-1

Sample Layers	Asbestos Content
Gray Floor Tile	ND
Orange Adhesive	ND
Sample Composite Homogeneity:	Moderate

Location: 01-02, 12 x 12 Gray/Blue Speckled Vinyl Tile and Orange Adh

Lab ID-Version‡: 12953011-1

Sample Layers	Asbestos Content
Gray Floor Tile	ND
Orange Adhesive	ND
Sample Composite Homogeneity:	Moderate

Location: 01-03, 12 x 12 Gray/Blue Speckled Vinyl Tile and Orange Adh

Lab ID-Version‡: 12953012-1

Sample Layers	Asbestos Content
Gray Floor Tile	ND
Orange Adhesive	ND
Sample Composite Homogeneity:	Moderate

Location: 02-04, Maroon Carpet and Gray Foam Padding

Lab ID-Version‡: 12953013-1

Sample Layers	Asbestos Content
Red Carpet (Maroon)	ND
Multicolored Fibrous Material (Padding)	ND
Composite Non-Asbestos Content:	75% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. Eurofins EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Terracon - New Orleans
C/O: Steven Latiolais
Re: 1706 S. Causeway H. 013842Date of Submittal: 08-10-2021
Date of Receipt: 08-10-2021
Date of Report: 08-13-2021**ASBESTOS PLM REPORT****Location: 02-05, Maroon Carpet and Gray Foam Padding**

Lab ID-Version‡: 12953014-1

Sample Layers	Asbestos Content
Red Carpet (Maroon)	ND
Multicolored Fibrous Material (Padding)	ND
Composite Non-Asbestos Content:	75% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: 02-06, Maroon Carpet and Gray Foam Padding

Lab ID-Version‡: 12953015-1

Sample Layers	Asbestos Content
Red Carpet (Maroon)	ND
Multicolored Fibrous Material (Padding)	ND
Composite Non-Asbestos Content:	75% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: 03-07, Red Vinyl Sheeting and Orange Adh

Lab ID-Version‡: 12953016-1

Sample Layers	Asbestos Content
Off-White Leveling Compound	ND
Red Sheet Flooring with Fibrous Backing	ND
Orange Adhesive	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Poor

Location: 03-08, Red Vinyl Sheeting and Orange Adh

Lab ID-Version‡: 12953017-1

Sample Layers	Asbestos Content
Red Sheet Flooring with Fibrous Backing	ND
Orange Adhesive	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. Eurofins EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Terracon - New Orleans
 C/O: Steven Latiolais
 Re: 1706 S. Causeway H. 013842

Date of Submittal: 08-10-2021
 Date of Receipt: 08-10-2021
 Date of Report: 08-13-2021

ASBESTOS PLM REPORT**Location: 03-09, Red Vinyl Sheeting and Orange Adh**

Lab ID-Version‡: 12953018-1

Sample Layers	Asbestos Content
Red Sheet Flooring with Fibrous Backing	ND
Orange Adhesive	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 04-10, Faux Wood Vinyl Sheeting and Yellow Adh

Lab ID-Version‡: 12953019-1

Sample Layers	Asbestos Content
Brown Sheet Flooring with Fibrous Backing	ND
Composite Non-Asbestos Content:	15% Cellulose 4% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 04-11, Faux Wood Vinyl Sheeting and Yellow Adh

Lab ID-Version‡: 12953020-1

Sample Layers	Asbestos Content
Brown Sheet Flooring with Fibrous Backing	ND
Composite Non-Asbestos Content:	15% Cellulose 4% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 04-12, Faux Wood Vinyl Sheeting and Yellow Adh

Lab ID-Version‡: 12953021-1

Sample Layers	Asbestos Content
Brown Sheet Flooring with Fibrous Backing	ND
Composite Non-Asbestos Content:	15% Cellulose 4% Glass Fibers
Sample Composite Homogeneity:	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. Eurofins EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Terracon - New Orleans
C/O: Steven Latiolais
Re: 1706 S. Causeway H. 013842Date of Submittal: 08-10-2021
Date of Receipt: 08-10-2021
Date of Report: 08-13-2021**ASBESTOS PLM REPORT****Location: 05-13, Gray Vinyl Sheeting and Yellow Adh**

Lab ID-Version‡: 12953022-1

Sample Layers	Asbestos Content
Gray Sheet Flooring with White Paint	ND
Composite Non-Asbestos Content:	15% Cellulose 4% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 05-14, Gray Vinyl Sheeting and Yellow Adh

Lab ID-Version‡: 12953023-1

Sample Layers	Asbestos Content
Gray Sheet Flooring with White Paint	ND
Composite Non-Asbestos Content:	15% Cellulose 4% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 05-15, Gray Vinyl Sheeting and Yellow Adh

Lab ID-Version‡: 12953024-1

Sample Layers	Asbestos Content
Gray Sheet Flooring with White Paint	ND
Composite Non-Asbestos Content:	15% Cellulose 4% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 06-16, White Drywall Compound

Lab ID-Version‡: 12953025-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
White Texture with White Paint	ND
White Texture	ND
Composite Non-Asbestos Content:	5% Cellulose
Sample Composite Homogeneity:	Poor

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. Eurofins EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Terracon - New Orleans
C/O: Steven Latiolais
Re: 1706 S. Causeway H. 013842Date of Submittal: 08-10-2021
Date of Receipt: 08-10-2021
Date of Report: 08-13-2021**ASBESTOS PLM REPORT****Location: 06-17, White Drywall Compound**

Lab ID-Version‡: 12953026-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
White Joint Compound	ND
White Texture with White Paint	ND
White Texture	ND
Composite Non-Asbestos Content:	5% Cellulose
Sample Composite Homogeneity:	Poor

Location: 06-18, White Drywall Compound

Lab ID-Version‡: 12953027-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
White Joint Compound	ND
White Texture with White Paint	ND
White Texture	ND
Composite Non-Asbestos Content:	5% Cellulose
Sample Composite Homogeneity:	Poor

Location: 07-19, Exterior Siding White with Green/Pink Paint

Lab ID-Version‡: 12953028-1

Sample Layers	Asbestos Content
White Non-Fibrous Material (Siding) with Pink Paint	ND
Sample Composite Homogeneity:	Good

Location: 07-20, Exterior Siding White with Green/Pink Paint

Lab ID-Version‡: 12953029-1

Sample Layers	Asbestos Content
White Non-Fibrous Material (Siding) with Green/Pink Paint	ND
Sample Composite Homogeneity:	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. Eurofins EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Terracon - New Orleans
C/O: Steven Latiolais
Re: 1706 S. Causeway H. 013842Date of Submittal: 08-10-2021
Date of Receipt: 08-10-2021
Date of Report: 08-13-2021**ASBESTOS PLM REPORT****Location: 07-21, Exterior Siding White with Green/Pink Paint**

Lab ID-Version‡: 12953030-1

Sample Layers	Asbestos Content
White Non-Fibrous Material (Siding) with Green/Pink Paint	ND
Sample Composite Homogeneity:	Good

Location: 08-22, Black Roof Shingles

Lab ID-Version‡: 12953031-1

Sample Layers	Asbestos Content
Black Roofing Shingle with Brown Pebbles	ND
Composite Non-Asbestos Content:	5% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 08-23, Black Roof Shingles

Lab ID-Version‡: 12953032-1

Sample Layers	Asbestos Content
Black Roofing Shingle with Brown Pebbles	ND
Composite Non-Asbestos Content:	5% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 08-24, Black Roof Shingles

Lab ID-Version‡: 12953033-1

Sample Layers	Asbestos Content
Black Roofing Shingle with Brown Pebbles	ND
Composite Non-Asbestos Content:	5% Glass Fibers
Sample Composite Homogeneity:	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. Eurofins EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Terracon - New Orleans
C/O: Steven Latiolais
Re: 1706 S. Causeway H. 013842Date of Submittal: 08-10-2021
Date of Receipt: 08-10-2021
Date of Report: 08-13-2021**ASBESTOS PLM REPORT****Location: 09-25, Black Roof Paper**

Lab ID-Version‡: 12953034-1

Sample Layers	Asbestos Content
Black Roofing Tar Paper	ND
Composite Non-Asbestos Content:	65% Cellulose
Sample Composite Homogeneity:	Good

Location: 09-26, Black Roof Paper

Lab ID-Version‡: 12953035-1

Sample Layers	Asbestos Content
Black Roofing Tar Paper	ND
White Roofing Material (Insulation)	ND
Composite Non-Asbestos Content:	60% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 09-27, Black Roof Paper

Lab ID-Version‡: 12953036-1

Sample Layers	Asbestos Content
Black Roofing Tar Paper	ND
White Roofing Material (Insulation)	ND
Composite Non-Asbestos Content:	60% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 10-28, White Face Wall Backing

Lab ID-Version‡: 12953037-1

Sample Layers	Asbestos Content
Black Tar with Pebbles, Multilayered Paint	ND
Black Mastic	ND
Brown Insulation	ND
Composite Non-Asbestos Content:	20% Cellulose
Sample Composite Homogeneity:	Poor

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. Eurofins EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Terracon - New Orleans
C/O: Steven Latiolais
Re: 1706 S. Causeway H. 013842Date of Submittal: 08-10-2021
Date of Receipt: 08-10-2021
Date of Report: 08-13-2021**ASBESTOS PLM REPORT****Location: 10-29, White Face Wall Backing**

Lab ID-Version‡: 12953038-1

Sample Layers	Asbestos Content
Black Tar with Pebbles, Multilayered Paint	ND
Black Mastic	ND
Brown Insulation	ND
Composite Non-Asbestos Content:	20% Cellulose
Sample Composite Homogeneity:	Poor

Location: 10-30, White Face Wall Backing

Lab ID-Version‡: 12953039-1

Sample Layers	Asbestos Content
Black Tar with Pebbles, Multilayered Paint	ND
Black Mastic	ND
Brown Insulation	ND
Composite Non-Asbestos Content:	20% Cellulose
Sample Composite Homogeneity:	Poor

Location: 11-31, Interior Wall Texture White

Lab ID-Version‡: 12953040-1

Sample Layers	Asbestos Content
White Texture with Brown Paper, Paint	ND
White Texture with White Paint	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Poor

Location: 11-32, Interior Wall Texture White

Lab ID-Version‡: 12953041-1

Sample Layers	Asbestos Content
White Texture with Brown Paper, Paint	ND
White Texture with White Paint	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Poor

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. Eurofins EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Terracon - New Orleans
 C/O: Steven Latiolais
 Re: 1706 S. Causeway H. 013842

Date of Submittal: 08-10-2021
 Date of Receipt: 08-10-2021
 Date of Report: 08-13-2021

ASBESTOS PLM REPORT

Location: 11-33, Interior Wall Texture White

Lab ID-Version‡: 12953042-1

Sample Layers	Asbestos Content
White Texture with Brown Paper, Paint	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Poor

Location: 11-34, Interior Wall Texture White

Lab ID-Version‡: 12953043-1

Sample Layers	Asbestos Content
White Texture with Multilayered Paint	ND
White Texture with White Paint	ND
Sample Composite Homogeneity:	Poor

Location: 11-35, Interior Wall Texture White

Lab ID-Version‡: 12953044-1

Sample Layers	Asbestos Content
White Texture with Brown Paper, Paint	ND
White Texture with White Paint	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Poor

Location: 12-36, Interior Ceiling Texture White

Lab ID-Version‡: 12953045-1

Sample Layers	Asbestos Content
White Ceiling Texture with White Paint	ND
White Ceiling Texture with White Paint	ND
Sample Composite Homogeneity:	Poor

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. Eurofins EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Terracon - New Orleans
 C/O: Steven Latiolais
 Re: 1706 S. Causeway H. 013842

Date of Submittal: 08-10-2021
 Date of Receipt: 08-10-2021
 Date of Report: 08-13-2021

ASBESTOS PLM REPORT**Location: 12-37, Interior Ceiling Texture White**

Lab ID-Version‡: 12953046-1

Sample Layers	Asbestos Content
White Ceiling Texture with White Paint	ND
White Ceiling Texture with White Paint	ND
Sample Composite Homogeneity:	Poor

Location: 12-38, Interior Ceiling Texture White

Lab ID-Version‡: 12953047-1

Sample Layers	Asbestos Content
White Ceiling Texture with White Paint	ND
White Ceiling Texture with White Paint	ND
Sample Composite Homogeneity:	Poor

Location: 12-39, Interior Ceiling Texture White

Lab ID-Version‡: 12953048-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
White Ceiling Texture with Off-White Paint	ND
White Ceiling Texture with White Paint	ND
White Ceiling Texture with White Paint	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Poor

Location: 12-40, Interior Ceiling Texture White

Lab ID-Version‡: 12953049-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
White Ceiling Texture with White Paint	ND
White Ceiling Texture with White Paint	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Poor

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. Eurofins EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Terracon - New Orleans
 C/O: Steven Latiolais
 Re: 1706 S. Causeway H. 013842

Date of Submittal: 08-10-2021
 Date of Receipt: 08-10-2021
 Date of Report: 08-13-2021

ASBESTOS PLM REPORT

Location: 13-41, Light Gray 12 x 12 Vinyl Tile and Dark Brown Adh

Lab ID-Version‡: 12953050-1

Sample Layers	Asbestos Content
Light Gray Floor Tile	ND
Yellow Adhesive	ND
Gray Leveling Compound	ND
Sample Composite Homogeneity: Poor	

Location: 13-42, Light Gray 12 x 12 Vinyl Tile and Dark Brown Adh

Lab ID-Version‡: 12953051-1

Sample Layers	Asbestos Content
Light Gray Floor Tile	ND
Yellow Adhesive	ND
Gray Leveling Compound	ND
Sample Composite Homogeneity: Poor	

Location: 13-43, Light Gray 12 x 12 Vinyl Tile and Dark Brown Adh

Lab ID-Version‡: 12953052-1

Sample Layers	Asbestos Content
Light Gray Floor Tile	ND
Yellow Adhesive	ND
Gray Leveling Compound	ND
Sample Composite Homogeneity: Poor	

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. Eurofins EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Report for:

Steven Latiolais
Terracon - New Orleans
524 Elmwood Park Blvd Ste 170
New Orleans, LA 70123

Regarding: Project: 1706 S. Causeway H. 013842
EML ID: 2705496

Approved by:

Dates of Analysis:
Asbestos PLM: 08-13-2021



Approved Signatory
Gregorio Delgado

Service SOPs: Asbestos PLM (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EM-AS-S-1267)
NVLAP Lab Code 600122-0

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the samples as received and tested. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

Eurofins EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

CHAIN OF CUSTODY



www.EMLabPK.com

EMAIL JOB P&K

Marlton, NJ: 3000 Lincoln Dr E, Ste. A, Marlton, NJ 08053 * (609) 874-1984
 Phoenix, AZ: 1501 West Knudsen Drive, Phoenix, AZ 85027 * (602) 651-4802
 SFF, CA: 6000 Shinnville Ct, Ste. 205, S. San Francisco, CA 94080 * (650) 888-6655

WEATHER		Fog	Rain	Snow	Wind	Clear
Name						
Light						
Mod/raie						
Heavy						

CONTACT INFORMATION

Company: Terrapoint - New Orleans (265866) Address: 574 Elmwood Park Blvd Ste 170 New Orleans, LA 70123
 Contact: Steven Lattolais
 Phone: 318-787-3269 Special Instructions:

PROJECT INFORMATION

Project ID: 1700a S. Causeway H. 013842 (STO - Standard (Default))
 Project Description: H. 013842 (STO - Standard (Default))
 Zip Code: 70115
 PO Number: 620745 Task by: T. Lattolais

TURNOURROUND TIME CODES - (TAT)

MD - Next Business Day
 SD - Same Business Day
 WH - Weekend/Holiday/SAP
 Rushes received after 2pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.

SAMPLE ID	DESCRIPTION	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	NOTES (Time of day, Temp, RH, etc.)
	<i>Please See Attached</i>				

SAMPLE TYPE CODES

BC - BioCassette™ CP - Contact Plate T - Tape O - Other
 A1S - Andersen ST - Spore Trap SW - Swab
 SAS - Surface Air Sampler B - Bulk GO - Soil
 NP - Non-potable Water P - Potable Water D - Dust

RETI/SHISHED BY

DATE & TIME

RECEIVED BY

DATE & TIME

RELA		Other Requests
Non-Culturable	Spore Trap	Asbestos In Air - PCM Airborne Fiber Count (NIOSH 7400)
Culturable	Spore Trap, Swab, Bulk, Contact Plate	Asbestos Bulk - PLM
		Lead (Pb) - Flame AA
		PCR (please specify test)
		Allergens (please specify test)

By submitting this Chain of Custody, you agree to be bound by the terms and conditions set forth at <http://www.emlab.com/terms-of-service>

Copyright © 2019 Eurofins EMLab P&K

002705496

Address: 524 Elmwood Park Blvd., Ste. 170, New Orleans, LA 70123 (504) 818 3638

Lab Location

LC 002705496

Number	Sample Location	HA Description (Color, Dimensions, Descriptor, then Type)	HA General Location	Estimated Quantity	Condition
01-01	BR 1	12 X 12 Grey/Blue	Bedrooms + Hallway	900	(G) D SD
01-02	Kitchen	Speckled Vinyl tile			
01-03	GR 2	+ orange ABh			
02-04	BR 1	Maroon Carpet	Bedrooms + Hallways	450	(G) D SD
02-05	Hallway	+ Foam Padding	Living room		
02-06	BR 2				
03-07	BR 1 closet	Red Vinyl sheathing + orange ABh	Bedroom (closet)	10	(G) D SD
03-08	" "				
03-09	" "				
04-10	Laundry	Faux wood Vinyl sheathing + yellow ABh	Laundry Laundry room	80	(G) D SD
04-11	" "				
04-12	" "				
5-13	Hall Liner				
5-14	" "	Green Vinyl sheathing + yellow ABh	Living closet	10	(G) D SD
5-15	" "				
6-16	BR 1	White Dirt wall	throughout	3000	(G) D SD
6-17	Living				
6-18	Kitchen				
7-19	# coat	Exterior siding	Exterior of residence	2500	(G) D SD
7-20	Side				
7-21	Back				

of

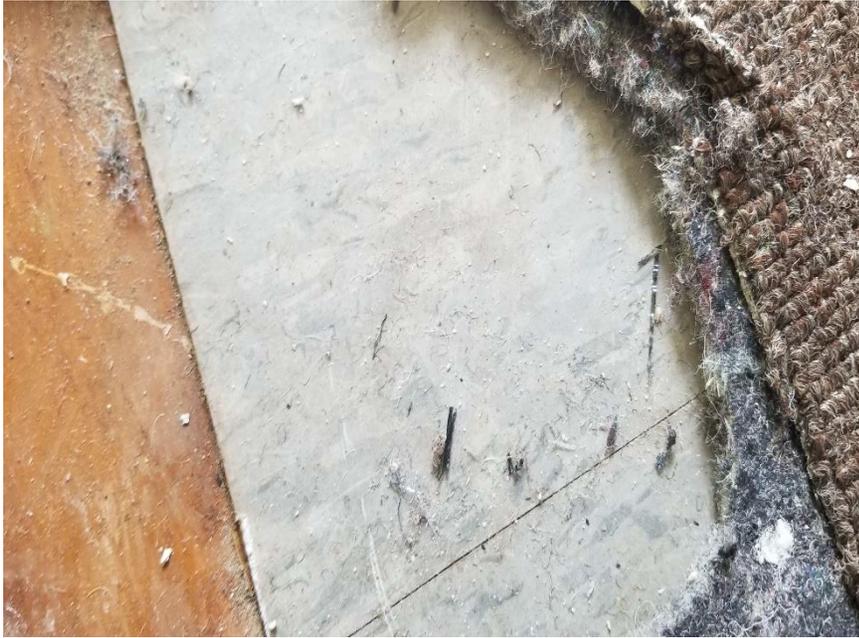
Asbestos Bulk Sample Log & Chain of Custody Form

Address: 524 Elmwood Park Blvd., Ste. 170, New Orleans, LA 70123 (504) 818 3638

Lab Locat:
 LT 002705496

Number	Sample Location	HA Description (Color, Dimensions, Descriptor, then Type)	HA General Location	Estimated Quantity	Condition: 1
08-22	F	Black Roof shingles	Roof		⑥ D SD
08-23	F				
08-24	F				
09-25	F	Black Roof Paper	Roof		⑥ D SD
09-26	F				
09-27	F				
0-28	F	White face WAM Bookings	Behind Siding		⑥ D SD
0-29	F				
0-30	F				
1-31	BR1	Interior Wall texture	above stairs		⑥ D SD
1-32	BR2				
1-33	Full BR				
1-34	Kitchen				
1-35	Living				
1-36	Living				
2-37	BR1	Interior Ceiling texture	through out		⑥ D SD
2-38	BR3				
2-39	Laundry				
2-40	1/2 BR				⑥ D SD

APPENDIX C
PHOTOGRAPH LOG



Photograph No. 1

HA-01: 12" x 12" Grey/Blue speckled vinyl tile, and Orange adhesive



Photograph No. 2

HA-02: Maroon Carpet and Grey floor padding



Photograph No. 3

HA-03: Red Vinyl sheeting, Orange adhesive



Photograph No. 4

HA-04: Faux wood vinyl sheeting, Yellow Adhesive

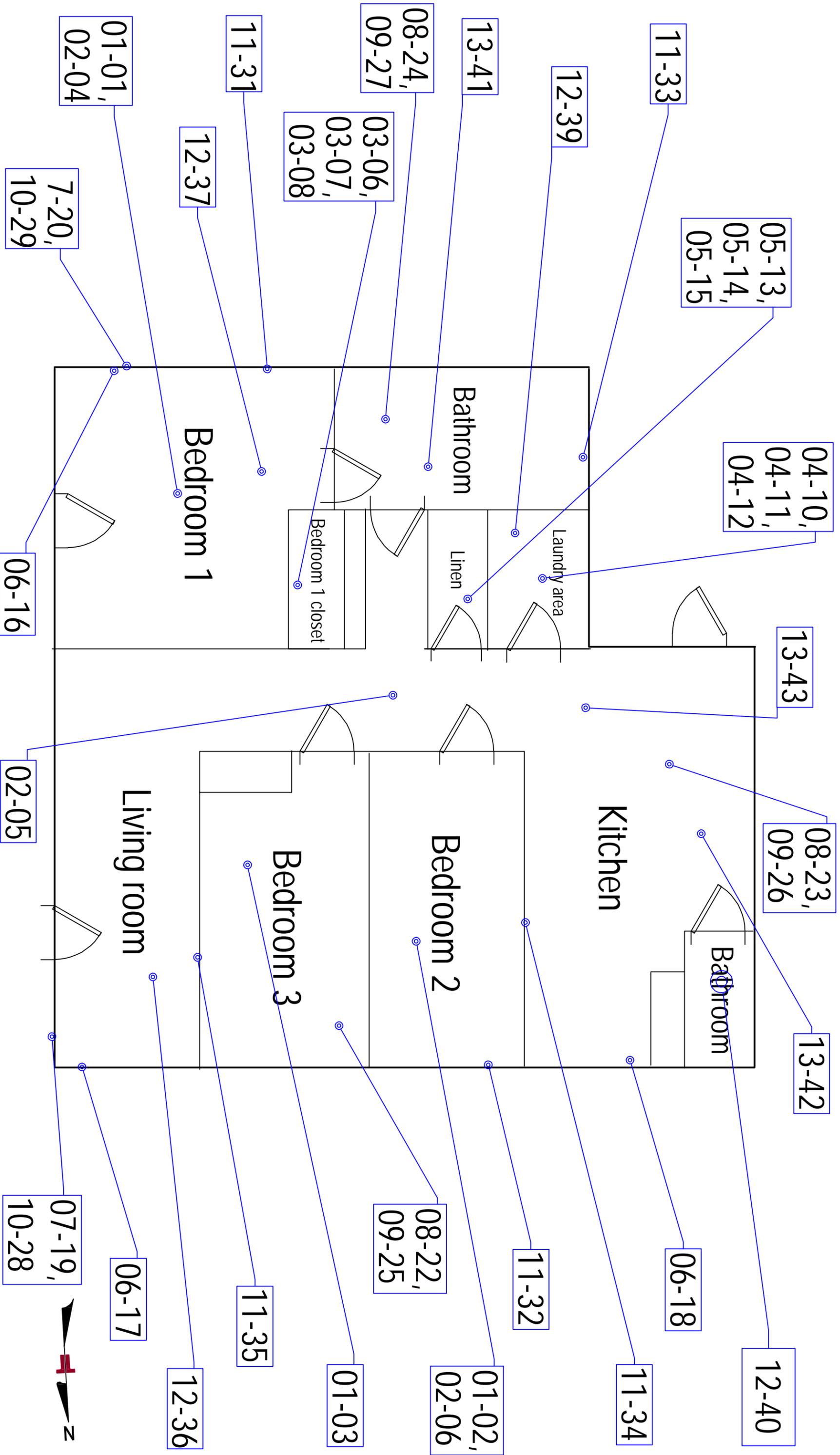


Photograph No. 5
HA-11: Interior wall texture



Photograph No. 6
HA-12: White Interior Ceiling texture

APPENDIX D
EXHIBITS



LEGEND
 Sample Location and ID
 XXXX

Terracon
 Consulting Engineers and Scientists
 524 ELMWOOD PARK BOULEVARD #170
 NEW ORLEANS, LA 70123

SCALE: NOT TO SCALE
 PROJECT NO: ET217145
 DATE: August 13, 2021

Bulk Sample Locations
 1706 S. Causeway Blvd,
 Metairie, LA 70001

EXHIBIT
1.0



APPENDIX E
CERTIFICATIONS

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 600122-0

Eurofins EMLab P&K

Houston, TX

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2020-04-01 through 2021-03-31

Effective Dates



A handwritten signature in blue ink, reading "Dana S. Gorman".

For the National Voluntary Laboratory Accreditation Program

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

Carlos J Arguello

Has complied with all requirements of the Louisiana Department of Environmental Quality
and is authorized to perform the duties of

Asbestos Inspector

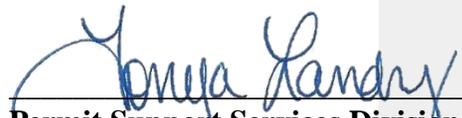
Accreditation No. DI221486

AI No. 221486

Date of Issuance January 11, 2021

Expiration December 23, 2021

Failure to comply with all applicable provisions of La. R.S. 2025.E. (1)(a) and La. R.S. 2025.F. (2)(a)
may result in civil and/or criminal enforcement actions by the State.



Permit Support Services Division
Office of Environmental Services

LOUISIANA



**STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY**



Is hereby granting a Louisiana Environmental Laboratory Accreditation to

**Eurofins EMLab P&K Houston
10900 Brittmoore Park Dr Ste G
Houston, Texas 77041**

**Agency Interest No. 211116
Activity No. ACC20200001**

According to the Louisiana Administrative Code, Title 33, Part I, Subpart 3, LABORATORY ACCREDITATION, the State of Louisiana formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed in the attachment.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part I, Subpart 3 requirements and acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part I. Please contact the Department of Environmental Quality, Louisiana Environmental Laboratory Accreditation Program (LELAP) to verify the laboratory's scope of accreditation and accreditation status.

Accreditation by the State of Louisiana is not an endorsement or a guarantee of validity of the data generated by the laboratory. Accreditation of the environmental laboratory does not imply that a product, process, system, or person is approved by LELAP. To be accredited initially and maintain accreditation, the laboratory agrees to participate in two single-blind, single-concentration PT studies, where available, per year for each field of testing for which it seeks accreditation or maintains accreditation as required in LAC 33:I.4711.

Cheryl Sonnier Nolan
Administrator
Public Participation and Permit Support Services Division

Issued Date:

25 June 2020

Effective Date: **July 1, 2020**

Expiration Date: **June 30, 2021**

Certificate Number: **05087**